

|          |  |     |
|----------|--|-----|
| 10.1.1   | INSUFFICIENT DATA.....   | 153 |
| 10.1.1.1 | ISSUE: NO DATA ON RECREATIONAL HARVEST OF<br>SHELLFISH .....   | 153 |
| 10.1.1.2 | ISSUE: COMMERCIAL FISHERY MANAGEMENT MEASURES ...  | 153 |
| 10.1.2   | ENVIRONMENTAL CONCERNS.....  | 154 |
| 10.1.2.1 | ISSUE: HABITAT .....   | 154 |
| 10.1.2.2 | ISSUE: WATER QUALITY .....   | 156 |
| 10.1.2.3 | ISSUE: EFFECTS OF TRAWLING ON BAY SCALLOP HABITAT<br>(SUBMERGED AQUATIC VEGETATION) IN BOGUE SOUND .....               | 157 |
| 10.1.2.4 | ISSUE: MANAGEMENT OF DREDGES FOR HABITAT<br>PROTECTION.....  | 157 |
| 10.1.2.5 | ISSUE: RULE CHANGE TO CLARIFY WORDING TO PROTECT<br>SCALLOP HABITAT FROM BULL RAKES AND HAND TONGS...                  | 157 |
| 10.1.3   | HARVEST CONCERNS.....  | 158 |
| 10.1.3.1 | ISSUE: IMPACTS OF RED TIDE AND WEATHER EVENTS ON<br>BAY SCALLOP POPULATIONS .....                                      | 159 |
| 10.1.3.2 | ISSUE: COWNOSE RAY INTERACTIONS AND THEIR EFFECTS<br>ON THE BAY SCALLOP POPULATIONS .....                              | 159 |
| 10.1.3.3 | ISSUE: PROHIBITED SHELLFISH AREAS/ACTIVITIES<br>SUGGESTED RULE CHANGE .....  | 159 |
| 10.1.3.4 | ISSUE: SOAKED OR SWELLED BAY SCALLOPS PROHIBITED<br>SUGGESTED RULE CHANGE .....  | 159 |
| 10.1.4   | STOCK ENHANCEMENT .....  | 160 |
| 10.1.4.1 | ISSUE: BAY SCALLOP ENHANCEMENT OPTIONS.....  | 160 |
| 10.2     | SUMMARY OF RESEARCH RECOMMENDATIONS .....  | 161 |
| 10.3     | REVIEW CYCLE.....  | 162 |
| 11.0     | LITERATURE CITED .....   | 162 |
| 12.0     | APPENDICES .....   | 176 |
| 12.1     | PUBLIC INFORMATION BROCHURE.....   | 176 |
| 12.2     | REGULATIONS OF OTHER STATES, 2005 .....  | 179 |
| 12.3     | TYPES OF FISHING LICENSES PERTAINING TO BAY<br>SCALLOPS.....   | 181 |
| 12.4     | MFC LETTER TO THE OYSTER HATCHERY PLANNING<br>ADVISORY TEAM TO CONSIDER ALL SHELLFISH IN THE<br>HATCHERY FACILITY..... | 185 |
| 12.5     | MARINE FISHERIES COMMISSION SELECTED MANAGEMENT<br>STRATEGIES AND RESEARCH RECOMMENDATIONS WITH<br>ESTIMATED COST..... | 187 |
| 12.6     | OVERVIEW OF MFC SHELLFISH AND REGIONAL<br>COMMITTEES RECOMMENDATIONS OF THE DRAFT BAY<br>SCALLOP FMP.....              | 192 |
| 12.7.    | MARINE FISHERIES COMMISSION PROPOSED RULE CHANGES  | 195 |
| 12.8.    | TIMELINE FOR THE 2007 BAY SCALLOP FISHERY<br>MANAGEMENT PLAN .....   | 198 |